

1 provides methods for using the disclosed genes for modifying the components of plant storage reserve materials.

In the Claims:

Cancel claim 2, without prejudice.

Amend claims 1, 8, 9, 12, and 16 as follows:

1. (Amended) An isolated nucleic acid molecule comprising a sequence encoding an SSE polypeptide having at least 30% identity with the amino acid sequence shown in Fig. 2B (SEQ ID NO: 2).

8. (Amended) An isolated nucleic acid molecule comprising a sequence encoding an SSE polypeptide, wherein said isolated nucleic acid molecule hybridizes under low stringency conditions to the nucleic acid molecule comprising the cDNA of Fig. 2A (SEQ ID NO:1).

9. (Amended) The nucleic acid molecule of claim 8, wherein said sequence encodes an SSE polypeptide having at least 30% identity with the amino acid sequence shown in Fig. 2B (SEQ ID NO:2).

12. (Amended) A cell transformed with the isolated nucleic acid molecule of claim 1 or 8.

16. (Amended) A plant or plant component transformed with a nucleic acid molecule of claim 1 or 8, wherein said nucleic acid molecule is expressed in said plant or said plant component.